

IN THE CLAIMS

1. (Currently amended) A handheld Multi-Function Peripheral (MFP), comprising:
a single housing;
an operation panel at the housing for a user to input a data and a scanning order;
a control processing unit at least partially in the housing and electrically connected to the operation panel for directing logic operation and data processing, and receiving the scanning order; and
a scanning apparatus at least partially in the housing and electrically connected to the control processing unit for scanning a to-be-scanned document, the control processing unit being capable of controlling the scanning operation of the scanning apparatus after receiving the scanning order, the scanning apparatus comprising:
a scanning channel for the to-be-scanned document;
a light source equipped in a side of the scanning channel to provide the light for scanning; and
a photoelectronic imaging device equipped in the side of the scanning channel to capture an image of the to-be-scanned document;
wherein the scanning channel and the operation panel respectively lie in substantially parallel planes and substantially overlap one another in a direction substantially perpendicular to the substantially parallel planes ~~and wherein the scanning apparatus is capable of scanning concurrently two sides of the to-be-scanned documents.~~

2. (Currently amended) The handheld Multi-Function Peripheral according to claim 1 further comprising a Personal Digital Assistant (PDA).

3. (Previously presented) The handheld Multi-Function Peripheral according to claim 2, wherein the PDA further comprises a display for showing the data and the scanning condition.

4. (Previously presented) The handheld Multi-Function Peripheral according to claim 3, wherein the display comprises a touch screen integrated with a Liquid Crystal Display (LCD).

5. (Previously presented) The handheld Multi-Function Peripheral according to claim 4, wherein the PDA further comprises a stylus, which is removably equipped on the PDA, for touching the display to input the data and give the scanning order, and the image is capable of being edited on the PDA after scanning.

6. (Original) The handheld Multi-Function Peripheral according to claim 2, wherein the PDA further includes a control button for the user to input the data and give the scanning order.

7. (Currently amended) The handheld Multi-Function Peripheral according to claim 1 ~~comprises~~ further comprising a calculator.

8. (Previously presented) The handheld Multi-Function Peripheral according to claim 7, wherein the calculator further includes a display for showing the data and the scanning condition.

9. (Previously presented) The handheld Multi-Function Peripheral according to claim 8, wherein the display comprises a Liquid Crystal Display (LCD).

10. (Original) The handheld Multi-Function Peripheral according to claim 8, wherein the calculator further includes a key part for the user to input the data and give the scanning order.

11. (Previously presented) The handheld Multi-Function Peripheral according to claim 1, wherein the light source comprises a Light Emitting Diode (LED).

12. (Previously presented) The handheld Multi-Function Peripheral according to claim 1, wherein the photoelectronic imaging device comprises a Charged Coupled device (CCD).

13. (Previously presented) The handheld Multi-Function Peripheral according to claim 1, wherein the photoelectronic imaging device comprises a Contact Image Device (CIS).

14. (Previously presented) The handheld Multi-Function Peripheral according to claim 1, wherein the scanning apparatus further comprises a transmission mechanism for transmitting the to-be-scanned document in the scanning channel.

15. (Previously presented) The handheld Multi-Function Peripheral according to claim 14, wherein the transmission mechanism includes a plurality of one or more rollers.

16. (Previously presented) The handheld Multi-Function Peripheral according to claim 1, wherein the to-be-scanned document comprises a business card.

17. (Previously presented) An apparatus, comprising:
a single housing;
an operation panel at the housing for a user to input a data and a scanning order;
a control processing unit at least partially in the housing and electrically connected to the operation panel for directing logic operation and data processing, and receiving the scanning order; and

a scanning apparatus at least partially in the housing and electrically connected to the control processing unit for scanning a to-be-scanned document, the control processing unit being capable of controlling the scanning operation of the scanning apparatus after receiving the scanning order, the scanning apparatus comprising:

a scanning channel for the to-be-scanned document;
a light source equipped in a side of the scanning channel to provide the light for scanning; and

a photoelectronic imaging device equipped in the side of the scanning channel to capture image of the to-be-scanned document;

wherein the scanning channel and the operation panel respectively lie in substantially parallel planes and substantially overlap one another in a direction substantially perpendicular to the substantially parallel planes and wherein the scanning apparatus is capable of scanning concurrently two sides of the to-be-scanned documents.

18. (canceled)

19. (Previously presented) An apparatus as claimed in claim 17, the operation panel being capable of displaying the to-be-scanned document in response to the scanning operation.

20. (Previously presented) An apparatus as claimed in claim 17, the operation panel being capable of receiving an input from a user to control the scanning operation.